

N<sup>o</sup> 10,220



A.D. 1911

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Complete Specification Left, 15th Nov., 1911—Accepted, 8th Feb., 1912

### PROVISIONAL SPECIFICATION.

#### A Device for the Prevention and Correction of Protruding Ears.

I, CHARLES KAHN, trading as F. C. Rein & Son, Surgical Instrument Maker, 108, Strand, London, W.C., do hereby declare the nature of this invention to be as follows:—

My invention consists of a pair of canvas discs of about three eighths of an inch in diameter, one side of each being treated with adhesive gum, through these discs two fine silk threads are passed on which the discs are separated at distances of one sixteenth of an inch or more according to the formation of the ear is required to take; the adhesive surfaces of the discs are outmost. The desired distance between the discs being obtained, the two silk threads are secured by the application of a silk disc of similar diameter to the canvas disc. The outer surfaces of the silk discs are also treated with adhesive gum or other suitable material which would be moistened when the appliance was about to be used.

Having now briefly described the manner in which my invention is constructed, the following is the manner in which it is to be applied:—

The two silk discs are moistened with spirit gum and one disc is securely fixed to the side of the head behind the ear, the second disc being fixed to the shell of the ear by pressing the shell on to the disc.

Dated the 20th day of April, 1911.

CHARLES KAHN.

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### COMPLETE SPECIFICATION.

#### A Device for the Prevention and Correction of Protruding Ears.

I, CHARLES KAHN, trading as F. C. Rein & Son, Surgical Instrument Maker, of 108, Strand, London, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

The object of the present invention is to provide a device by means of which persons with protruding ears may cause them to assume a position close to the sides of the head.

My invention consists in providing an attachment which adheres to the back of the ear and also to the side of the head, and retains the former in close proximity to the latter.

My invention in its most approved form is illustrated in the accompanying drawing, an exaggerated size being employed for the sake of clearness.

Fig. 1 is an edge view.

Fig. 2 is a face view.

Fig. 3 is a face view with a portion of an outer layer removed.

Fig. 4 is an edge view with one of the outer layers partly detached, and,

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*A Device for the Prevention and Correction of Protruding Ears.*

Fig. 5 shows a human ear with the device which forms the subject of this application in its usual size indicated in dotted lines in position behind the same.

The device or appliance shewn consists of a pair of adhesive discs *a a'* placed back to back and secured together by thread or silk *b*, so that they are a suitable distance apart. The discs are preferably made each of two layers, and two threads are employed for attaching the discs together.

In Figs. 1 and 2 the threads are passed through the centre of the inner layers and the ends are separated diametrically of the discs and tied at the edges as indicated at *c c*. The two layers of each disc are then stuck together by suitable adhesive material.

In Figs. 3 and 4 the arrangement is the same except that the ends of the thread are not tied, the adhesive material which secures the layers together being relied on to hold the thread.

The discs *a a'* are coated with material on the outer sides which can be made to adhere when placed behind the ear so as to stick to the latter and to the sides of the head, and retain the ear in the position determined by the length of the thread attachment between the discs.

If it is desired that the ear shall be retained absolutely close to the head, the thread distance attachment may be dispensed with and a single disc furnished on both sides with adhesive may be employed.

The discs may be made of various materials, for instance metal or celluloid but preferably the outer layers are of silk while the inner layers are of stronger or coarser material such as fine canvas.

Instead of discs little plates of other form may be used.

Having now particularly described and ascertained the nature of the said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. An appliance for causing protruding ears to assume a position close to the sides of the head, comprising a disc or discs capable of adhering to the ear and to the head, substantially as described.
2. The appliance for retaining ears in the position desired, substantially as illustrated in the accompanying drawing.

Dated this 15th day of November, 1911.

NEWTON & SON,

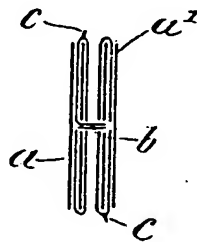
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Agents for the Applicant.

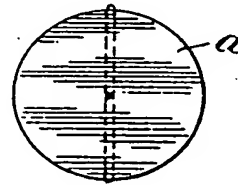
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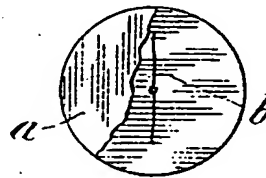
—FIG. 1.—



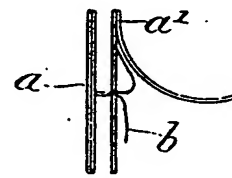
—FIG. 2.—



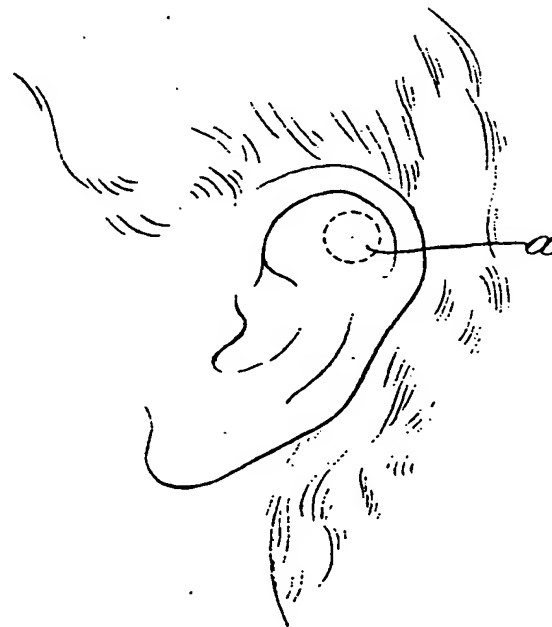
—FIG. 3.—



—FIG. 4.—



—FIG. 5.—



[This Drawing is a reproduction of the Original on a reduced scale.]